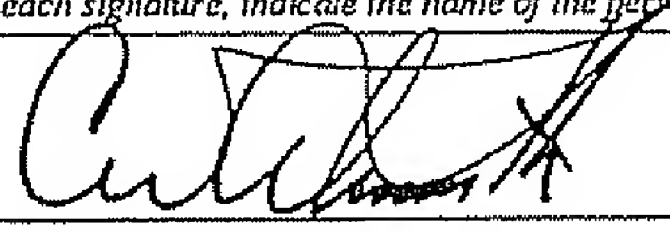


Box No. IX CHECK LIST; LANGUAGE OF FILING		
<p>This international application contains:</p> <p>(a) in paper form, the following number of sheets:</p> <p>request (including declaration sheets) : 4</p> <p>description (excluding sequence listing and/or tables related thereto) : 10</p> <p>claims : 4</p> <p>abstract : 1</p> <p>drawings : 10</p> <p><b>Sub-total number of sheets : 29</b></p> <p>sequence listing : _____</p> <p>tables related thereto : _____</p> <p><i>(for both, actual number of sheets if filed in paper form, whether or not also filed in computer-readable form; see (c) below)</i></p> <p><b>Total number of sheets : 29</b></p> <p>(b) <input type="checkbox"/> only in computer readable form (Section 801(a)(i))</p> <p>(i) <input type="checkbox"/> sequence listing</p> <p>(ii) <input type="checkbox"/> tables related thereto</p> <p>(c) <input type="checkbox"/> also in computer readable form (Section 801(a)(ii))</p> <p>(i) <input type="checkbox"/> sequence listing</p> <p>(ii) <input type="checkbox"/> tables related thereto</p> <p>Type and number of carriers (diskette, CD-ROM, CD-R or other) on which are contained the</p> <p><input type="checkbox"/> sequence listing: _____</p> <p><input type="checkbox"/> tables related thereto: _____</p> <p><i>(additional copies to be indicated under items 9(ii) and/or 10(ii), in right column)</i></p>	<p>This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):</p> <p>1 <input checked="" type="checkbox"/> fee calculation sheet : _____</p> <p>2 <input checked="" type="checkbox"/> original separate power of attorney : _____</p> <p>3 <input type="checkbox"/> original general power of attorney : _____</p> <p>4 <input type="checkbox"/> copy of general power of attorney; reference number, if any: _____ : _____</p> <p>5 <input type="checkbox"/> statement explaining lack of signature : _____</p> <p>6 <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): _____ : _____</p> <p>7 <input type="checkbox"/> translation of international application into (language): _____ : _____</p> <p>8 <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material : _____</p> <p>9 <input type="checkbox"/> sequence listing in computer readable form (indicate type and number of carriers)</p> <p>(i) <input type="checkbox"/> copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application) : _____</p> <p>(ii) <input type="checkbox"/> (only where check-box (b)(i) or (c)(i) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Rule 13ter : _____</p> <p>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the sequence listing mentioned in left column : _____</p> <p>10 <input type="checkbox"/> tables in computer readable form related to sequence listing (indicate type and number of carriers)</p> <p>(i) <input type="checkbox"/> copy submitted for the purposes of international search under Section 802(b-quater) only (and not as part of the international application) : _____</p> <p>(ii) <input type="checkbox"/> (only where check-box (b)(ii) or (c)(ii) is marked in left column) additional copies including, where applicable, the copy for the purposes of international search under Section 802(b-quater) : _____</p> <p>(iii) <input type="checkbox"/> together with relevant statement as to the identity of the copy or copies with the tables mentioned in left column : _____</p> <p>11 <input type="checkbox"/> other (specify): _____ : _____</p>	<p>Number of items</p>
<p>Figure of the drawings which should accompany the abstract: 1</p>	<p>Language of filing of the international application: English (US)</p>	
<p>Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE</p> <p><i>Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).</i></p>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;">  </div> <div style="width: 50%; text-align: right;"> <p>28 JAN 2005</p> </div> </div>		
<p>Charles W. Alworth</p>		

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<p>1. Date of actual receipt of the purported international application: _____</p>	<p>2 Drawings:</p> <p><input type="checkbox"/> received:</p> <p><input type="checkbox"/> not received:</p>
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<p>4. Date of timely receipt of the required corrections under PCT Article 11(2): _____</p>	
<p>5. International Searching Authority (if two or more are competent): ISA /</p>	<p>6 <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid</p>

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FEE CALCULATION SHEET

Annex to the Request

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International Application No.

Date stamp of the receiving Office

Applicant's or agent's  
file reference

05 PCT 211

Applicant

Earles and Lasater

CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE

300 T

2. SEARCH FEE

1000 S

International search to be carried out by US  
(If two or more International Searching Authorities are competent to carry out the international search, indicate the name of the Authority which is chosen to carry out the international search)

3. INTERNATIONAL FILING FEE

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i1 first 30 sheets 1134 i1

i2 0 x 12 = 0 i2  
number of sheets in excess of 30 fee per sheet

i3 additional component (only if sequence listing and/or tables related thereto are filed in computer readable form under Section 801(a)(i), or both in that form and on paper, under Section 801(a)(ii)):

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## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):

Earles, Ronald G.  
Lasater, Jeffrey B.

hereby appoints (appoint) the following person as:

☒ agent

☐ common representative

**Name and address**

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

Alworth, Charles W.  
Registered U.S. Patent Attorney  
505 (Ex 502) Cumberland Road  
Tyler, Texas 75703-9325  
US

to represent the undersigned before

☒ all the competent International Authorities

☐ the International Searching Authority only

☐ the International Preliminary Examining Authority only

in connection with the international application identified below:

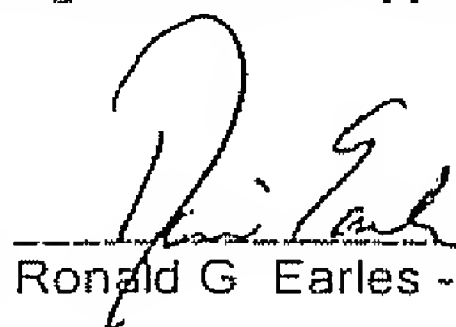
Title of the invention: Rotary Vector Gear for Use in Rotary Steerable Tools

Applicant's or agent's file reference: 05 PCT 211

International application number (if already available):

filed with the following Office US as receiving Office  
and to make or receive payments on behalf of the undersigned.

Signature of the applicant(s) (where there are several applicants each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs if such capacity is not obvious from reading the request or this power):

  
Ronald G. Earles - Inventor/Applicant

